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Standard Analog Video Cable

RG-59/U Type

Jameco Part Number 234069
(9259-010-1000)

BRILLIANCE®

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m

22 AWG Solid Bare Copper-covered Steel • Bare Copper Braid Shield

Polyethylene Insulation • Black PVC Jacket

UL AWM Style 1354 (30V 60°C)	**8263**	NEC: CMX CEC: CMX	U-500 U-1000 1000	U-152.4 U-304.8 304.8	19.5 39.0 38.0	8.9 17.7 17.3	23 AWG (solid) .023″ BCCS 49.0Ω/M′ 160.7Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.6Ω/M′ 8.5Ω/km	.242	6.15	75	66%	20.5	67.3	1 10 50 100 200 400 700 900 1000	.6 1.1 2.4 3.4 4.9 7.0 9.7 11.1 12.0	2.0 3.6 7.9 11.2 16.1 23.0 31.8 36.4 39.4
Non-contaminating Black PVC Jacket.																			
UL AWM Style 1354 (30V 80°C)	**9244**	NEC: CMX CEC: CMX	U-500 U-1000 1000 3280	U-152.4 U-304.8 304.8 1000.0	18.0 36.0 36.0 118.1	8.2 16.4 16.4 53.8	22 AWG (solid) .025″ BCCS 50.0Ω/M′ 164.0Ω/km	.146	3.71	BC Braid 85% Shield Coverage 4.5Ω/M′ 14.8Ω/km	.242	6.15	75	66%	19.4	63.6	1 10 50 100 200 400 700 900 1000	.6 1.1 2.4 3.4 4.9 7.0 9.7 11.1 12.0	2.0 3.6 7.9 11.2 16.1 23.0 31.8 36.4 39.4
											100% Sweep tested. 5 MHz to 450 MHz.								

Foam Polyethylene Insulation • Black PVC Jacket

75°C	**8221**		U-500 500 U-1000 1000	U-152.4 152.4 U-304.8 304.8	18.5 18.5 36.0 36.0	8.4 8.4 16.4 16.4	22 AWG (solid) .025″ BCCS 50.0Ω/M′ 164.0Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.6Ω/M′ 8.5Ω/km	.242	6.15	80	78%	16.3	53.5	1 10 50 100 200 400 700 900 1000	.4 .9 2.0 2.9 4.1 5.9 7.8 8.8 9.9	1.4 3.0 6.6 9.5 13.4 19.4 25.6 28.9 32.5

22 AWG Stranded (7x30) .030″ Bare Copper • 95% Bare Copper Braid Shield

Foam Polyethylene Insulation • Black PVC Jacket

UL AWM Style 1354 (30V 60°C) VW-1	**9659**	NEC: CMX CEC: CMX	U-500 U-1000 1000	U-152.4 U-304.8 304.8	18.0 36.0 36.0	8.2 16.4 16.4	22 AWG (7x30) .030″ BC 15.0Ω/M′ 49.2Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.6Ω/M 8.5Ω/km	.242	6.15	75	78%	17.3	56.7	1 10 50 100 200 400 700 900 1000	.3 .9 2.1 3.0 4.5 6.6 8.9 10.1 10.9	1.0 3.0 6.9 9.8 14.8 21.6 29.2 33.1 35.8
Non-contaminating PVC Jacket. For CCTV applications.											100% Sweep tested. 5 MHz to 450 MHz.								
UL AWM Style 1354 (30V 80°C)	**9259**	NEC: CM CEC: CM	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	4.6 18.5 20.5 36.0 36.0	2.1 8.4 9.3 16.4 16.4	22 AWG (7x30) .030″ BC 15.0Ω/M′ 49.2Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.6Ω/M 8.5Ω/km	.241	6.12	75	78%	17.3	56.7	1 10 50 100 200 400 700 900 1000	.3 .9 2.1 3.0 4.5 6.6 8.9 10.1 10.9	1.0 3.0 6.9 9.8 14.8 21.7 29.2 33.1 35.8
For CCTV applications.											For Plenum versions of 9259, see 89259 or 82259.								

Plenum • Foam FEP Insulation • Black FEP Jacket

200°C	**89259**	NEC: CMP CEC: CMP FT6	100 500† 1000†	30.5 152.4 304.8	5.1 18.0 34.0	2.3 8.2 15.5	22 AWG (7x30) .030″ BC 15.0Ω/M′ 49.2Ω/km	.135	3.43	BC Braid 95% Shield Coverage 2.6Ω/M 8.5Ω/km	.193	4.90	75	78%	17.3	56.7	1 10 50 100 200 400 700 900 1000	.3 .9 2.1 3.0 4.5 6.6 9.0 10.1 11.0	1.0 3.0 6.9 9.8 14.8 21.6 29.5 33.1 36.1
Suitable for Outdoor and Direct Burial applications.																			

Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket

75°C	**82259**	NEC: CMP CEC: CMP FT6	U-1000† 1000†	U-304.8 304.8	31.0 33.0	14.1 15.0	22 AWG (7x30) .030″ BC 15.0Ω/M′ 49.2Ω/km	.135	3.43	BC Braid 95% Shield Coverage 2.6Ω/M 8.5Ω/km	.193	4.90	75	78%	17.3	56.7	1 10 50 100 200 400 700 900 1000	.3 .9 2.1 3.0 4.5 6.6 9.0 10.1 11.0	1.0 3.0 6.9 9.8 14.8 21.6 29.5 33.1 36.1

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.
†Spools and/or UnReel® cartons are one piece, but length may vary ±10% from length shown.